

IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) A computer system, comprising:

an AC power supply operatively connected to said computer system for supplying power to said computer system;

a battery operatively connected to said computer system for supplying power to said computer system when necessary; ~~and~~

a circuit operatively connected to said battery and said AC power supply, wherein said circuit turns off a charging function to said battery while said battery is still connected to said AC power supply during said computer system being powered off; and

a user interface for a user to set said charging function when computer system is in a power-off state, wherein said circuit turns off said charging function to said battery based on information set in said user interface.

2. (previously presented) The computer system according to Claim 1, wherein said circuit turns off said charging function to said battery after charging has been completed during said computer system being powered off.

3. (previously presented) The computer system according to Claim 1, wherein said circuit turns on said charging function to said battery if said AC power supply has changed from not being connected to being connected to said computer system during said computer system being powered off.

4. (previously presented) The computer system according to Claim 1, wherein said circuit turns on said charging function when a battery previously not connected is connected to said computer system during said computer system being powered off.

5. (previously presented) The computer system according to Claim 1, wherein said circuit turns on said charging function to a battery after a predetermined time period has lapsed since said charging function to said battery was turned off.

6. (previously presented) The computer system according to Claim 1, wherein said computer system further includes a regulator operatively connected to said circuit for supplying a small amount of power to said circuit.

7-15. canceled

16. (currently amended) A computer readable medium having a computer program product for providing power management in a computer system, said computer readable medium comprising:

computer program code for determining whether or not a battery connected to a computer system is being charged by an AC power supply when said computer system is powered off; ~~and~~

computer program code for, in response to said battery connected to said computer system not being charged by said AC power supply, turning off a charging circuit for charging said battery even when said battery remains to be connected to said AC power supply; and

computer program code for generating a user interface for a user to set said charging function when computer system is in a power-off state, wherein said circuit turns

off said charging circuit for charging said battery based on information set in said user interface.

17. (previously presented) The computer readable medium according to Claim 16, wherein said computer readable medium further includes computer program code for turning on a power supply for supplying power to said charging circuit when said AC power supply is connected to said computer system after not being connected to said computer system.

18. (previously presented) The computer readable medium according to Claim 16, wherein said computer readable medium further includes computer program code for turning on a power supply for supplying power to said charging circuit when a battery requiring to be charged is connected to said computer system after not being connected to said computer system.

19. (previously presented) The computer readable medium according to Claim 16, wherein said computer readable medium further includes computer program code for turning on a power supply supplying power to said charging circuit after a predetermined time period has lapsed since said power supply was turned off.